WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald J. Melvin Environmental Specialist

AREA: Penrose Point

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from the area 7 times during 2005. A marina closure zone evaluation was completed in 2005. The area was classified as “approved” and “prohibited” for commercial shellfish harvest in 2005.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the most recent 30 samples collected from each of the sampling stations. This summary shows that all stations in the ”approved” area pass the NSSP water quality standard

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

☒ Well within the classification standards
☐ Meets standards but some concerns
☐ Meets standards but threatened with a downgrade in classification
☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

An unnamed stream that flows into the Mayo Cove region of the Penrose Point growing area is on the 303D list for fecal coliform.

TABLE 1

SUMMARY OF MARINE WATER DATA (APC)

Growing Area: **Penrose Point**

Classification: **Approved,Prohibited**

From **11/21/2002** To **12/21/2005**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
295	Approved	30	1.7 - 22.0	2.2	5.0	Yes
296	Approved	43	1.7 - 49.0	2.3	6.0	Yes
573	Approved	30	1.7 - 49.0	2.4	6.0	Yes
595	Approved	42	1.7 - 33.0	2.8	8.0	Yes
596	Approved	44	1.7 - 49.0	4.1	15.0	Yes
641	Approved	42	1.7 - 110.0	3.3	12.0	Yes
640	Prohibited	43	1.7 - 350.0	5.8	31.0	Yes
642	Prohibited	43	1.7 - 540.0	5.1	27.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.